

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	670	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (tin and (indium or (antimony Sb)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 10:51
L16	34	I15 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 10:52
L17	641	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with ((tin with (indium or (antimony Sb))) indium\$tin tin\$antimony)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 10:55
L18	33	I17 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 10:56
L19	0	"72850198"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:01
L20	2	"7285198"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:01

L21	18	("20020035170"   "20020143094"   "20020180077"   "20030008123"   "20030122111"   "20030164427"   "20040099438"   "20040262582"   "4224125"   "4225410"   "5849174"   "6121011"   "6245215"   "6265468"   "6309535"   "6493208"   "6582573"   "6627058"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:02
L22	0	21 and (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with ((tin with (indium or (antimony Sb)) indium\$tin tin\$antimony)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:04
L23	3	"7118941"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:06
L24	0	21 and (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (ATO)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:09
L25	151	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (ATO)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:09
L26	2	25 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:10

L27	151	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (ATO Sb\$Sn Sn-IN)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:11
L28	1	"20080210473"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:12
L29	168	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) with (ATO Sb \$Sn Sn-IN)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:13
L30	8	I29 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:13
L31	6	I30 not I26	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:13
L32	180	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) with (ATO TCT)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:16
L33	11	I32 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:16
L34	3	I33 not I30	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:16

L35	3	((ATO Sb\$Sn Sn-IN) near2 (film layer)) with (nano \$tube nano\$particle nano \$filament nano\$rod nano \$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:22
L36	8	((ATO Sb\$Sn Sn-IN) near2 (film layer mixture ink)) with (nano\$tube nano \$particle nano\$filament nano\$rod nano\$wire nano \$fiber nano\$whisker nano \$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:23
L37	764	ink with (nano\$tube nano \$particle nano\$filament nano\$rod nano\$wire nano \$fiber nano\$whisker nano \$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:24
L38	145	I37 and (ATO Sb\$Sn Sn-IN tin anitmony)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:25
L39	4	"20030122111"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 11:33
L40	221	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) with ((tin Sn) near2 oxide) with ((Indium "In") near2 oxide) and ((tin Sn Indium "In") with ((%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:03

L41	68	I40 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:03
L42	48	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 filament fiber fibre rod wire tube tubular structure particle)) with ((tin Sn) near2 oxide) with ((Indium "In") near2 oxide) and ((tin Sn Indium ) with (("%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:05
L43	48	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 filament fiber fibre rod wire tube tubular structure particle)) with ((tin Sn) near2 oxide) with (Indium near2 oxide) and ((tin Sn Indium ) with ("%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:06
L44	11	I43 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:06
L45	19	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 filament fiber fibre rod wire tube tubular structure particle)) with ((tin Sn) near2 oxide) with (Indium near2 oxide) and (Indium with ("%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar))) and ((tin Sn) with (("%" percent) near2 (mass ratio weight wgt wt gm volume vol mol	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:09

		molar)))				
L46	6	45 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:09
L47	1	"5497029"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:17
L48	19	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) with ((tin Sn) near2 oxide) with (Indium near2 oxide) and ((Indium "group IV") with ((%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar)) and ((tin Sn "Group III") with ((%" percent) near2 (mass ratio weight wgt wt gm volume vol mol molar)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:45
L49	3787979	458and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:46
L50	6	48 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:46
L51	1725	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT ((carbon nano) near2 (filament fiber fibre rod wire tube tubular structure particle))) with ((tin Sn) near2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:47
L52	551	51 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:47
L53	0	51 and inidum	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:48
L54	0	51 and inidium	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:48

L55	312	I52 and indium	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 12:50
S156	100	(electron near (layer film emitter)) with (roughness rough\$5 texture)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/07 09:13
S157	18	(electron near (layer film emitter)) with (roughness rough\$5 texture).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/07 09:13
S158	1	"10511186"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:17
S162	1650	(ink film) with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide tetraisopropoxide tetrabutoxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:36
S163	302	ink with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide tetraisopropoxide tetrabutoxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:37
S164	16	S163 and @ad< "20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:37

S165	:2	((emissive emission emitt\$4 electron) near2 layer) with ink with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide tetraisopropoxide tetrabutoxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:39
S166	:0	((electron near2 (emission emissive emit\$4)) near2 layer) with ink with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide tetraisopropoxide tetrabutoxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:40
S167	:4	((electron near2 (emission emissive emit\$4)) near2 (film device layer)).ab,ti. and ink with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:41

		tetraisopropoxide tetrabutoxide)))				
S168	40	("20020009637"   "20020031972"   "20020047513"   "20020057045"   "20020060516"   "20020074947"   "20020117670"   "20030006684"   "20030048055"   "20030048056"   "20030048057"   "20030057860"   "20030073371"   "20030081931"   "20030160180"   "20030161942"   "20030162465"   "20030222560"   "4900483"   "4904895"   "5847495"   "5973444"   "5986389"   "6147449"   "6171162"   "6179678"   "6184610"   "6231413"   "6246168"   "6283812"   "6288494"   "6383047"   "6472814"   "6492769"   "6515640"   "6626719"   "6628053").PN. OR ("7074380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 17:42
S169	21	((electron near2 (emission emissive emit\$4)) near2 (film layer coat\$4)) with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near3 (filament fiber fibre rod wire tube tubular structure particle)))with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl group ((tin Sn) near3 (halide tetraethoxide tetraisopropoxide tetrabutoxide)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:03
S170	1	S169 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:04

S171	11	((electron near2 (emission emissive emit\$4)) near2 (film layer coat\$4)) with (nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:11
S172	8	US-7068898-\$ DID. OR US-6146230-\$ DID. OR US-5846358-\$ DID. OR US-20050081993-\$ DID. OR US-1563093-\$ DID. OR US-20050064185-\$ DID. OR US-6436221-\$ DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:15
S173	56	("20010007783"   "20010046244"   "20020052434"   "20020071952"   "20020130311"   "20020172820"   "20020186921"   "20030142944"   "20030226498"   "20040026684"   "4110123"   "4335180"   "5154973"   "5260957"   "5293050"   "5354707"   "5358775"   "5422489"   "5505928"   "5585640"   "5613140"   "5616368"   "5690807"   "5726524"   "5751018"   "5874134"   "5897945"   "5947783"   "5962122"   "5973444"   "5990479"   "5997832"   "6019656"   "6020677"   "6036774"   "6048616"   "6057637"   "6097138"   "6136156"   "6146230"   "6200737"   "6225198"   "6239547"   "6245988"   "6250984"   "6277318"   "6283812"   "6306736"   "6322901"   "6323270"   "6340822"   "6344271"   "6413489"   "6501091"   "6563132"   "6741019"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:19

S175	0	S173 and ((electron near2 (emission emissive emit \$4) near2 (film layer coat \$4)) with (nano\$tube nano \$particle nano\$filament nano\$rod nano\$wire nano \$fiber nano\$whisker nano \$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:20
S176	14	S173 and (nano\$tube nano \$particle nano\$filament nano\$rod nano\$wire nano \$fiber nano\$whisker nano \$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:21
S177	8700	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (binder polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:23
S178	265	S177 and (FED.U/C. ((field electron) near2 (source emission emissive emit \$4)).ti,ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:23
S179	41	S178 and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:24

S180	8082	(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano \$whisker nano\$structure SWNT CNT MWNT (nano near2 (filament fiber fibre rod wire tube tubular structure particle))) with (polymer (metal\$4 near2 salt) organo\$metall \$compound organo\$metall \$salt alkoxy alkyl phenyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:29
S181	32	S180 and ((FED.U/C. ((field electron) near2 (source emission emissive emit\$4))) ( image near2 display)).ti,ab,clm. and @ad<"20020411"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 18:31

**EAST Search History (Interference)**

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**8/4/2009 1:03:21 PM****H:\Documents and Settings\tgreen3\_copy\My Documents\EAST\Workspaces\us\_1051186.wsp**